A Better Timepiece and Speedometer for Automobiles

WALTHAM WATCH and CLOCK CO.
WALTHAM, MASS., U.S.A

DECEMBER 19, 1923

New Prices on Auto Clocks, Speedometers and Combination Instruments

Auto Clocks	**Price**
Model K-1	$22.00
Model I-3	22.50
Model 300	24.00
Model F	27.00
Model R-1	26.50
Model L	25.00
Model B	25.50
Model XX	22.00
Speedometers Only	
Model 300	$21.00
Model 405	18.00
Model 1600	20.00
Combinations	
Model 416	$45.00
Model 1101	42.00
Model 1103	42.00
Model 1110	42.00
Model 1120	42.00
Model 1122	42.00
Model 1123	42.00
Model 1502	51.00

A Better

Timepiece and Speedometer

for Automobiles

WALTHAM WATCH AND CLOCK CO.
WALTHAM, MASS., U. S. A.

A Better Timepiece for Automobiles

The Waltham Standard is the Standard of Progressiveness

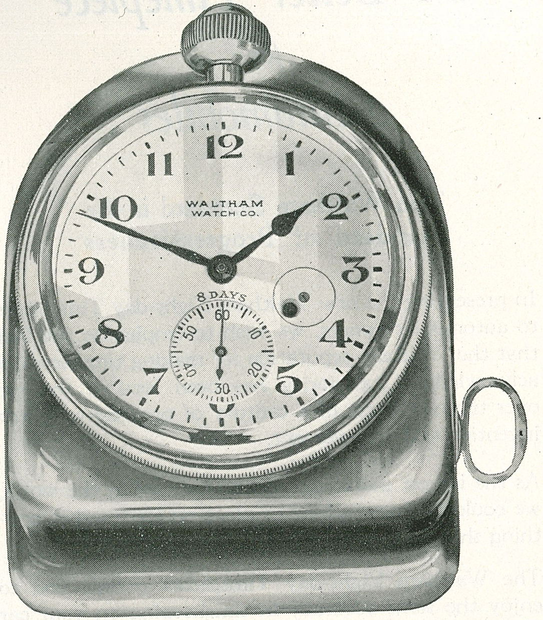
In presenting the new Waltham Eight-day Timepieces to automobile owners, we wish to emphasize the fact that the Waltham reputation for making timepieces of acknowledged superiority has been secured through over three-quarters of a century of progressive watch invention and achievement.

As the largest manufacturers of watches in the world, we could not now afford to place on the market anything short of the best for the purpose.

The Waltham Eight-day Timepieces permit you to enjoy the same accuracy in timekeeping on your car as you have been accustomed to expect from your pocket watch.

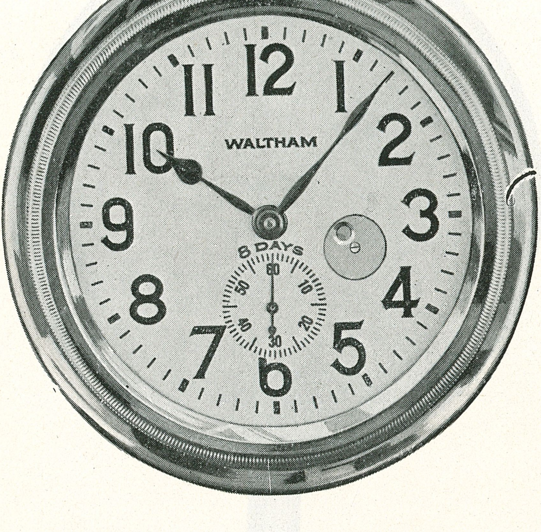
They are built to Waltham Standards which means they are constructed on correct principles embodying the highest quality material and construction, and will withstand the hard usage inevitable in motoring.

The Waltham Auto Timepiece is jeweled, has two mainsprings and is stoutly and scientifically built to resist the shocks of road travel and the extremes of temperature. It is the only clock so built.



Waltham Model B Automobile Clock

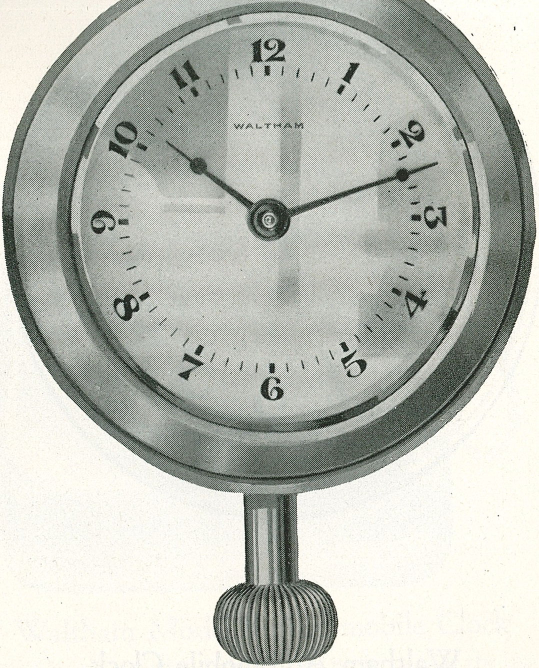
Used in any closed car where clock is placed near the top or high up in the car. Can be easily installed as only three screws are required, which are covered by clock movement and impossible to remove until key is inserted and movement case removed, which makes it thief proof. It is cased at an angle which makes the clock easily seen from any position in the car. By inserting key and giving same quarter turn, also giving clock movement quarter turn, allows clock to be removed for regulating as in a watch. Model B is also used extensively on switchboards. Furnished in oxidized silver, nickel or black cases fitted with black or silvered dials.



Waltham Automobile Clock

Model F

Adapted to all makes of cars. So designed that it can be easily installed in any thickness of dash. This Timepiece contains a standard 8-day, 7 Jewel Waltham Movement. The winding indicator on the dial gives a warning signal three days in advance of the time when winding is necessary. This Model can be furnished in nickel or black case, with black, white or silvered dials to match other instruments on the dash.

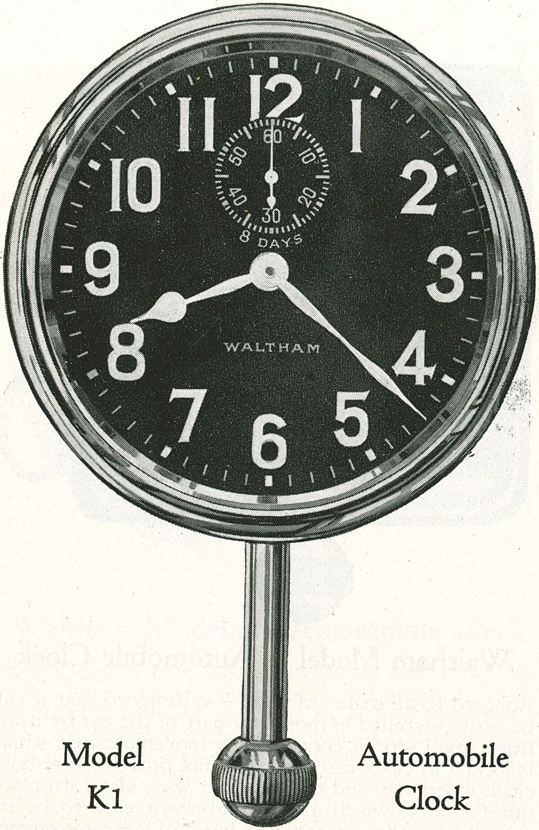


Waltham Automobile Clock

Model I–3

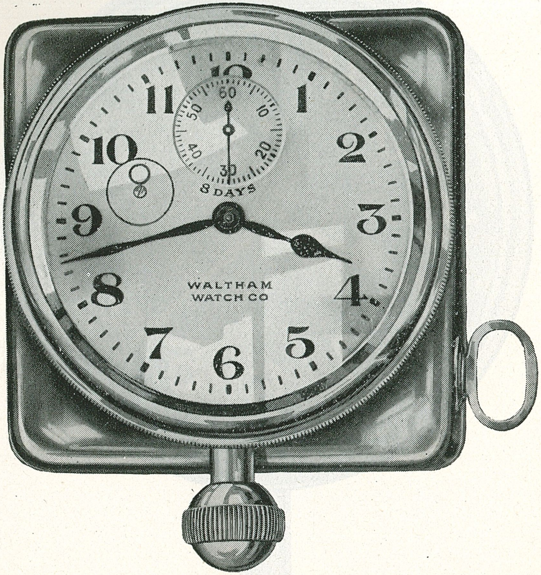
The Model "I–3" Waltham Clock illustrated, is the ideal timepiece for use in limousine interior fittings. This style of clock can also be made to conform to any specially designed car interior.

It gives the famous Waltham dependable service and is the standard of excellence for road usage, — it is used on the world's leading cars.



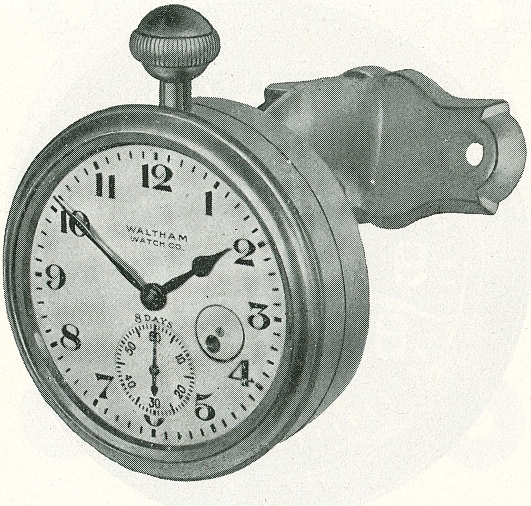
Model K1 Automobile Clock

For use on dash of any car and is flush type. Can be installed in metal or wood dash by cutting hole 3" in diameter. Any length of stem can be furnished. When ordering, give distance from center of hole to bottom of dash. Furnished with nickel or black cases fitted with silvered or black dials.



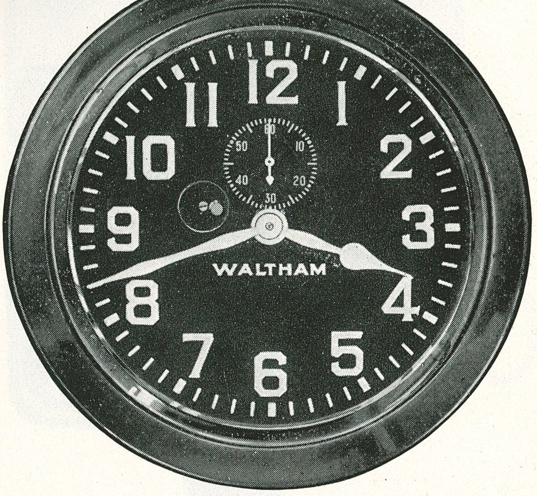
Waltham Model L Automobile Clock

Adapted to all makes of cars — so designed that it can be easily installed in most any part of the car by using three small screws, concealed by movement case which is locked in clock case making thief proof. To remove clock insert key and turn quarter way, also turn clock quarter way, which allows movement case to be removed, and by unscrewing back of case movement can be regulated as in a watch. This model is also used as a regular equipment on switchboards. Furnished in nickel, black or satin silver cases fitted with either silver or black dials.



Waltham Model R1 Automobile Clock

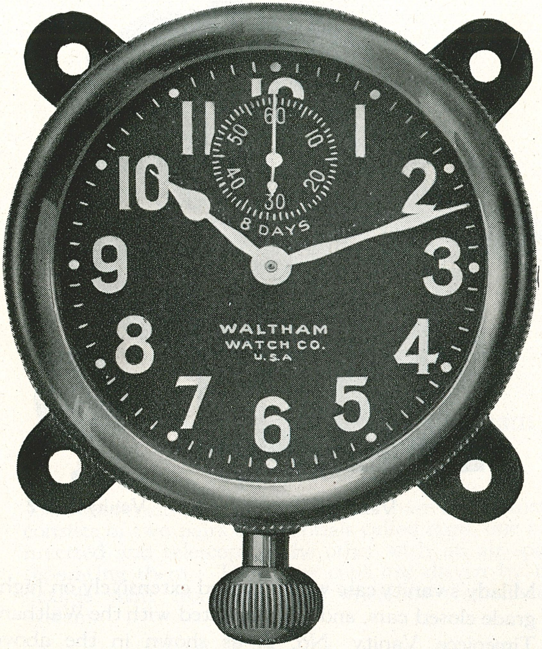
Special design case for use in Sedan and Limousine cars. When used in Sedans it is installed just above windshield, it being designed in such a way that it does not interfere with adjustment of the windshield. The face of clock being on an angle can be seen from any part of car. When used in Limousines it is installed just over the front curtain, yet in no way interferes with adjustment of curtain. Movement turns quarter way round, which makes it convenient to wind and set. Furnished in nickel or black cases, silvered or black dials.



The Waltham Automobile Clock

Model 300

This handsome clock matches the Model 300 Waltham Speedometer. If desired, it can be used as a separate unit. It can be readily installed in wood or steel cowlboards, whatever their thickness; also, in any make of car.

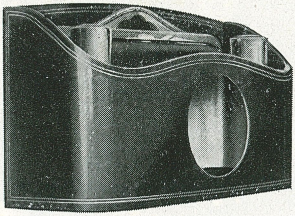


Waltham Model XX Automobile and Aeroplane Clocks

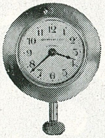
Model XX is used extensively as regular equipment on automobiles, aeroplanes, radio outfits and telephone switchboards, and is cased in a metal case finished in black enamel, bright nickel or satin silver finish with dials to match.

Constructed to keep accurate time in spite of rough usage and change of temperature.

The Waltham standard of precision has made its Timepiece famous the World over and is maintained in the manufacture of these 8-Day Clocks.

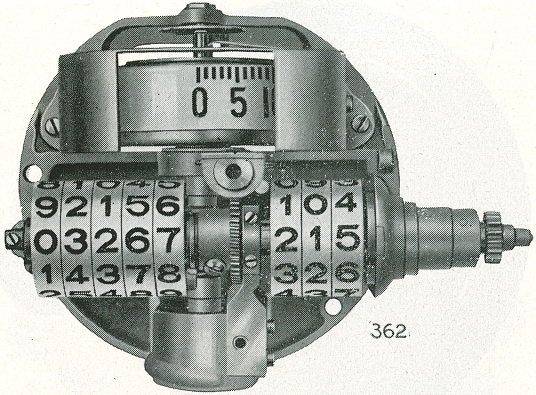


Vanity Case



Vanity No. 2

Milady's vanity case which is used extensively on high-grade closed cars, and may be fitted with the Waltham Timepiece Vanity No. 2, as shown in the above illustration.



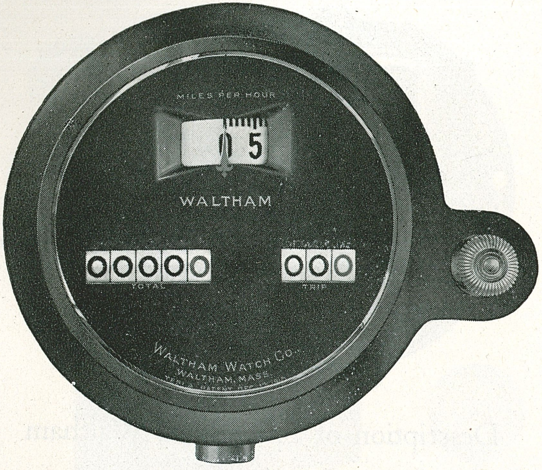
Description of Speed Dial Waltham Speedometer

The speed measuring part of the Waltham Speedometer consists of two pairs of essentials called cups, one pair inverted and telescoping the other with an air space separating them. The inner cups are driven by the flexible shaft from the road wheel or transmission system.

The outer cups, known as the indicating cups, are inverted outside the driving cups.

It is the air friction created in the space between the cups which constitutes the speed indicating medium of the instrument.

Comprehensive laboratory tests have proved that air friction is not influenced by heat, cold or altitude up to 10,000 feet. By using this principle, a uniform calibration is possible without oscillation, and indicates immediately the speed changes of the car. The revolving cups do not have to be carried in air-tight compartments and no sealing is necessary.

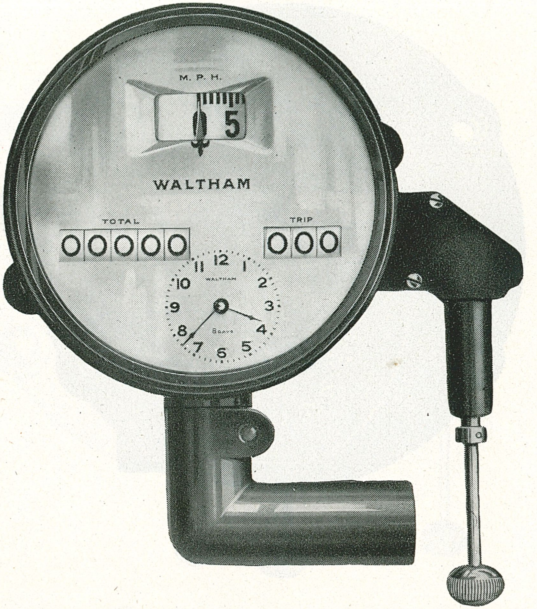

MILES PER HOUR
0 5
WALTHAM
00000
TOTAL
000
TRIP
WALTHAM WATCH CO.
WALTHAM, MASS.

Speedometer Model 300

Daniels and Rolls-Royce

The Waltham Quality Speedometer is the only Air-Friction automobile speed registering device in the world. It follows the speed of the car instantly and accurately. It is unaffected by climatic or barometric changes. It is an instrument of superlative quality and *precision,* and is used on the world's leading cars; has been developed by Waltham over a period of years, until today, this patented and superb all-quality instrument is standard equipment.

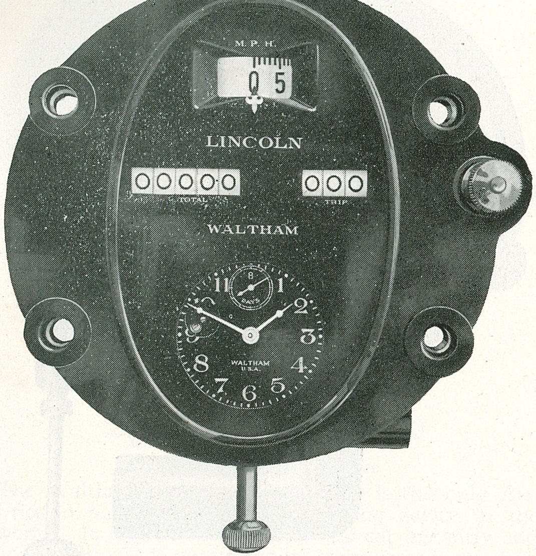
Go to any of the automobile agencies in your town whose cars are equipped with this distinctive Waltham instrument and ask for a demonstration of its performance. The same painstaking genius for precision and dependability which has made the name of Waltham supreme in time-recording mechanisms is fully exemplified in Waltham Speedometers and Automobile Timepieces.


M. P. H.
0 5
WALTHAM
TOTAL
00000
TRIP
000
12
1
2
3
4
5
6
7
8
9
10
11
WALTHAM
8 DAYS

Combination 416

Wills Sainte Claire

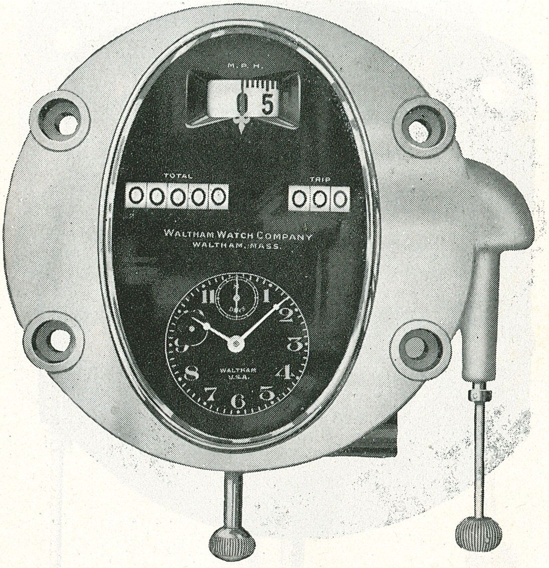
Indisputable proof of Waltham superiority is found in the international fame of Waltham Watches, Clocks and Speedometers. This fame rests upon a reputation for making the finest instruments of precision in the world.


M. P. H.
0 5
LINCOLN
00000
TOTAL
000
TRIP
WALTHAM
WALTHAM
U.S.A.

Combination 1101

Lincoln

In the first place, the name of Waltham is an assurance of quality and precision; *secondly,* the Waltham is the only Air-Friction Speedometer in the world; and *finally* the builders of the world's leading cars, recognizing these facts, specify that their automobiles shall be equipped with Waltham Speedometers and Clocks.

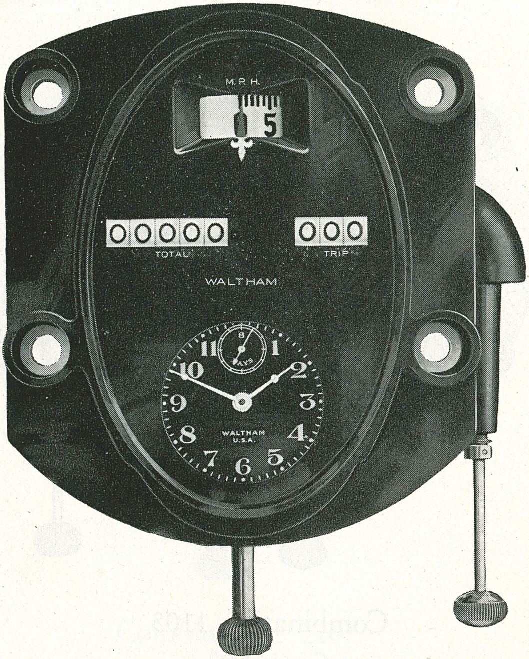

M. P. H.
0 5
TOTAL
00000
TRIP
000
WALTHAM WATCH COMPANY
WALTHAM, MASS.
WALTHAM
U.S.A.

Combination 1103

Cunningham

The safety and satisfaction of the car owner are often seriously affected by the irregularity and unreliability of speed-recording.

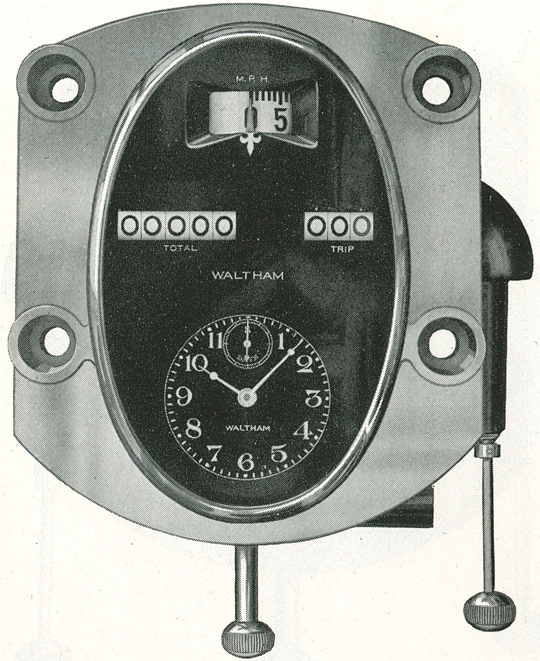
A Waltham Speedometer avoids all of these disadvantages. It records every variety of speed instantly and accurately.


M.P.H.
5
00000
TOTAL
000
TRIP
WALTHAM
8 DAYS
WALTHAM U.S.A.

Combination 1110

Packard

Waltham Speedometers and Automobile Clocks exemplify the genius for minute precision and dependability which has made the name of Waltham supreme in time-recording mechanisms.

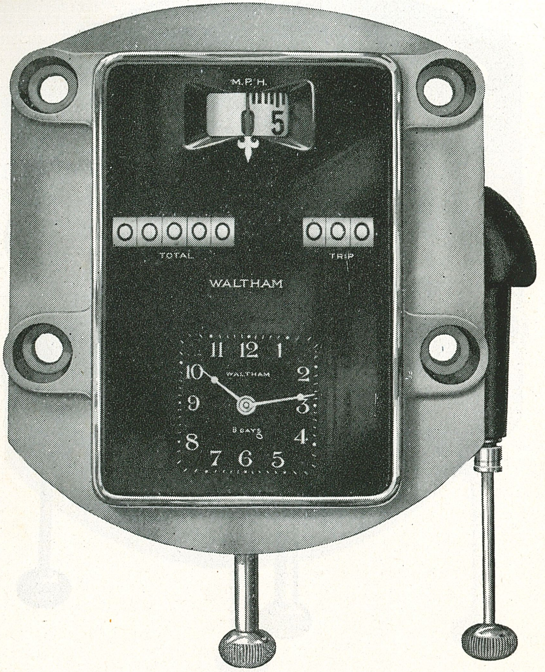

M.P.H.
5
00000
TOTAL
000
TRIP
WALTHAM
WALTHAM

Combination 1120

Peerless and Wills Sainte Claire

More and more automobile owners are demanding the best in motor accessories for the added comfort, convenience and safety of those who may ride in the car.

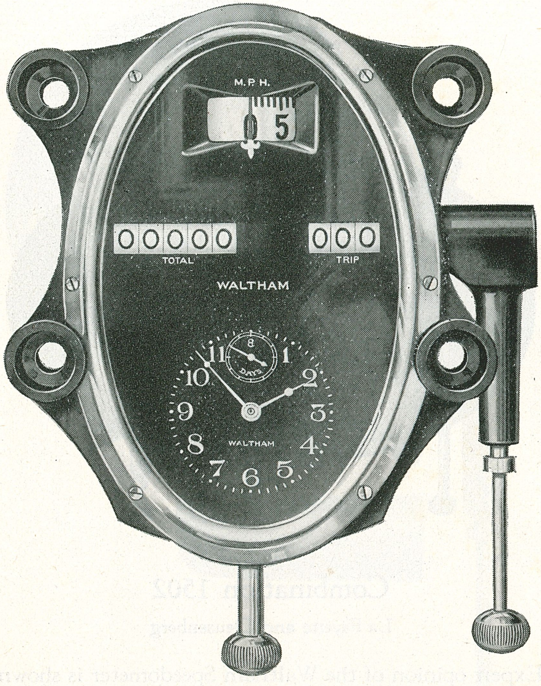
Be sure that your car is equipped with a Waltham Speedometer — insist upon it.


M.P.H.
5
00000
TOTAL
000
TRIP
WALTHAM
8 DAYS

Combination 1122

Franklin

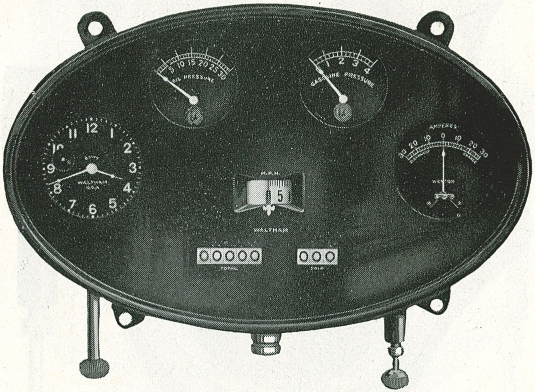
World-wide recognition of the Waltham Speedometer has been won, and thus another scientific achievement in an instrument of precision was added to the list of Waltham Watches, Clocks and Automobile Timepieces.


M.P.H.
5
00000
TOTAL
000
TRIP
WALTHAM
8 DAYS

Combination 1123

Case

Special attention has been devoted to the flexible driving shaft, in the ordinary speedometer so great a source of trouble. Waltham speedometer shafts are built of interlocking links and collars of special nickel steel, heat treated, which afford the strongest, most dependable and yet flexible shaft ever supplied with a speedometer.

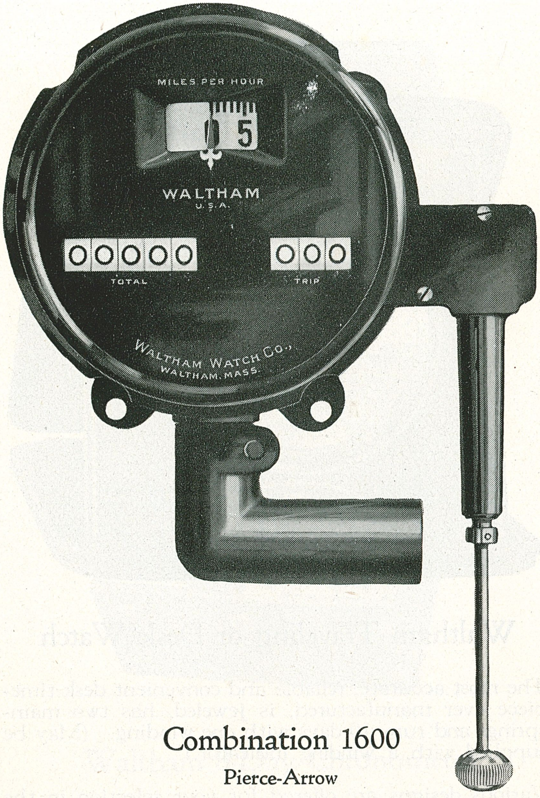

OIL PRESSURE
GASOLINE PRESSURE
AMPERES
WALTHAM U.S.A.
M.P.H.
WALTHAM
00000
TOTAL
000
TRIP

Combination 1502

La Fayette and Deusenberg

Expert opinion of the Waltham Speedometer is shown by distinguished endorsement.

The quality car manufacturers of the country have adopted "WALTHAM" as its standard equipment.

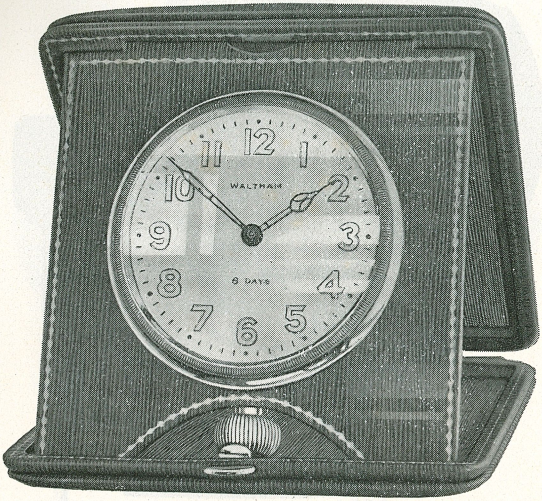

MILES PER HOUR
15
WALTHAM
U.S.A.
00000
TOTAL
000
TRIP
WALTHAM WATCH CO.,
WALTHAM, MASS.

Combination 1600

Pierce-Arrow

If you will call at any agency, where these cars are sold, you will be shown a car upon which the Waltham Speedometer will register accurately and instantly every variation of speed and mileage exhibited.

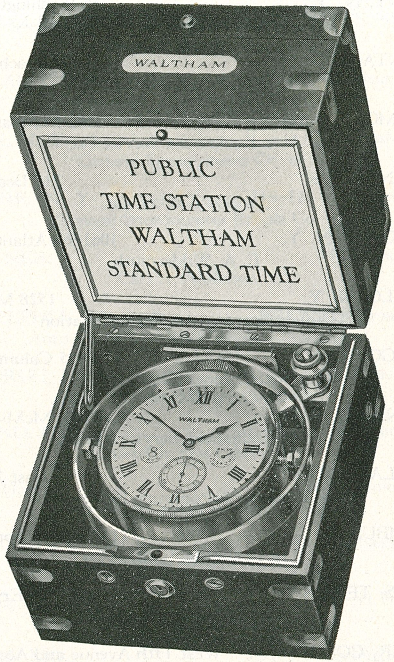
Regardless of the car you buy, be sure it is equipped with a Waltham Speedometer.


WALTHAM
8 DAYS

Waltham Traveling or Desk Watch

The most accurate, reliable and convenient desk timepiece ever manufactured, is jeweled, has two mainsprings and runs 10 days with one winding. (May be supplied with a winding indicator.)

Various designs are offered for your selection in the casing of this timepiece and choice leather cases are offered in a variety of colors.


WALTHAM
PUBLIC
TIME STATION
WALTHAM
STANDARD TIME
WALTHAM

Waltham 8-Day Chronometer

The Jewelers' Window is the Standard of time in your locality.

It is a conservative statement that ten million people compare their watches daily with Waltham Chronometers in all parts of the world.

Waltham Service Stations

ALBANY, N. Y. 248 Washington Avenue
Albany Speedometer Service Station

ATLANTA, GA. 404 Peachtree Street
Manufacturers Service Co.

BALTIMORE, MD. 1202 Maryland Avenue
Auto Equipment Service Co.

BOSTON, MASS. 711 Beacon Street
Jackson Electric Co.

BROOKLYN, N. Y. 1061–63 Atlantic Avenue
E. A. Wildermuth

BUFFALO, N. Y. 1528 Main Street
Buffalo Speedometer Service Station

CHICAGO, ILL. 2925 Calumet Avenue
Arthur Jones Electric Co.

CINCINNATI, OHIO 731 E. McMillan Street
Auto Equipment Service Agency

CLEVELAND, OHIO 1753 East 21st Street
The Bissinger Automotive Electric Co.

COLUMBUS, OHIO 118–20 East Spring Street
The Columbus Ignition Co.

DALLAS, TEXAS 405–7 S. Ervay Street
Gibson Service Station

DENVER, COLO. West 13th Avenue and Acoma Street
Auto Electric Appliance Co.

DETROIT, MICH. 3134 E. Jefferson Avenue
G. A. Duncan

HARTFORD, CONN. 102 Allyn Street
Hartford Speedometer and Clock Service Co.

INDIANAPOLIS, IND. 719 North Illinois Street
Automotive Parts and Electric Service Corporation

KANSAS CITY, MO. 1816–18 McGee Street
E. S. Cowie Electric Co.

LOS ANGELES, CALIF. 1240 S. Hope Street
Electric Equipment Company

MILWAUKEE, WIS. 505–513 Cedar Street
Lemke Electric Company

MINNEAPOLIS, MINN. 11–17 S. 9th Street
Reinhard Bros. Co.

MONTREAL, CANADA 97 Bleury Street
International Electric Co., Ltd.

NEWARK, N. Y. 80 Central Avenue
General Speedometer Co. of N. J.

NEW YORK, N. Y. 119–121 West 63rd Street
General Speedometer Repair Co.

OMAHA, NEB. 1514 Jones Street
Carl A. Anderson

PHILADELPHIA, PA. 1421 North Broad Street
Auto Equipment and Service Company

PITTSBURGH, PA. 5750 Baum Blvd.
Penn Storage Battery Company

PORTLAND, ORE. 9th, 10th and Glisan Streets
Sunset Electric Company

ROCHESTER, N. Y. 16 N. Union Street
Gay's Speedometer Service Station

SAN FRANCISCO, CALIF. 944 Van Ness Avenue
Automotive Service Agency

SEATTLE, WASH. 1507–11 Broadway
Sunset Electric Co.

ST. LOUIS, MO. 3870–74 Washington Blvd.
S. G. Hoffman Magneto Company

SYRACUSE, N. Y. 145 Seymour Street
Burr-Fowler Co.

TORONTO, CANADA 252 Victoria Street
Auto Electric Service Company

WASHINGTON, D. C. 1443–45 P Street, N. W.
Jullien & Bartram

WICHITA, KANSAS 317 S. Market Street
E. S. Cowie Electric Co.

MEMORANDUM

MEMORANDUM

MEMORANDUM

MEMORANDUM

MEMORANDUM